

I. AMENDMENT

In the Claims:

The following listing of claims will replace all prior versions and listings of the claims in the application:

Listing of the Claims:

- 1-9. (Canceled)
10. (Previously Presented) The method of claim 17, wherein said mRNA is amplified by an RNA polymerase reaction.
11. (Previously Presented) The method of claim 17, wherein said mRNA is amplified by reverse transcriptase polymerase chain reaction or the ligase chain reaction.
12. (Previously Presented) The method of claim 17, wherein said detecting is by RNA fingerprinting, branched DNA or a nuclease protection assay.
- 13-14. (Canceled)
15. (Previously Presented) The method of claim 17, wherein the metastatic cancer is metastatic prostate cancer.
16. (Previously Presented) The method of claim 17, wherein the metastatic cancer is metastatic breast cancer.
17. (Currently Amended) A method of detecting metastatic cancer, comprising the steps of:
 - (a) detecting the quantity of a disease marker mRNA expressed in human peripheral blood; and

- (b) comparing the quantity of said marker to the quantity expressed in peripheral blood of a normal individual;

wherein said mRNA comprises ~~one or more of the sequences or the complements of the sequences disclosed herein as SEQ ID NO: 1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:29, SEQ ID NO:34, SEQ ID NO:48 or SEQ ID NO:49~~ and wherein a difference in quantity of expression is indicative of metastatic cancer.

18. (Canceled)

19. (Previously Presented) The method of claim 17, further comprising the steps of

- a) providing primers that selectively amplify said metastatic cancer marker;
- b) amplifying said nucleic acid with said primers to form nucleic acid amplification products;
- c) detecting said nucleic acid amplification products; and
- d) measuring the amount of said nucleic acid amplification products formed.

20. (Currently Amended) The method of claim 19 in which said primers are selected to specifically amplify a nucleic acid having a sequence comprising ~~SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:29, SEQ ID NO:34, SEQ ID NO:48 or SEQ ID NO:49.~~

21-73. (Canceled)